











































N4: Alternative 2 Reasonableness Analysis Summary and Recommended Soundwall Locations

TABLE 2 - Noise Abatement Information Alternative 2 (1 of 3)

Noise Barrier No.	Height (feet)	Acoustically Feasible?	Number of Benefited Residences	Total Reasonable Allowance	Estimated Construction Cost	Cost Less than Allowance	Preliminary Noise Abatement Decision
S649	12	No	N/A	N/A	N/A	N/A	Replace in-kind
S699	16	No	N/A	N/A	N/A	N/A	Replace in-kind
S705	12	No	N/A	N/A	N/A	N/A	Replace in-kind
S710	12	No	N/A	N/A	N/A	N/A	Replace in-kind
S708	12	Yes	24	#1 000 000	ф 72.1 .000	Yes	Reasonable
S718	16	1 es	24	\$1,080,000	\$721,000	ies	Reasonable
S733	12	Yes	1	\$43,000	\$107,000	No	Not Reasonable
S746	14	Yes	2	\$102,000	\$66,000	Yes	Reasonable
S745A	12-14	Yes	2	\$98,000	\$137,000	No	Not Reasonable
S745B	14	Yes	2	\$98,000	\$107,000	No	Replace in-kind*
S765	14-16	No	N/A	N/A	\$74,000	N/A	Replace in-kind*
S766	14	No	N/A	N/A	\$50,000	N/A	Replace in-kind*
S776	12	Yes	1	\$41,000	\$82,000	No	Reasonable Severe Impact
S795	12	Yes	53	\$2,385,000	\$356,000	Yes	Reasonable
S807	14					Yes	Reasonable
S811	10-16	Yes	7	\$273,000	\$239,000		Replace in-kind (higher)
S827	10-12	No	N/A	N/A	N/A	N/A	Replace in-kind
S834	16	Yes	6	\$270,000	\$523,000	No	Not Reasonable
S841	16	Yes	7	\$385,000	\$205,000	Yes	Reasonable
S857	14	Yes	7	\$343,000	\$82,000	Yes	Reasonable
S868	16	Yes	1	\$35,000	\$121,000	No	Not Reasonable
S896	10	No	N/A	N/A	\$30,000	N/A	Replace in-kind*

TABLE 2 - Noise Abatement Information Alternative 2 (2 of 3)

Noise Barrier No.	Height (feet)	Acoustically Feasible?	Number of Benefited Residences	Total Reasonable Allowance	Estimated Construction Cost	Cost Less than Allowance	Preliminary Noise Abatement Decision
S900	8	No	N/A	N/A	N/A	N/A	Replace in-kind
S908	8						Replace in-kind
S916	16	Yes	7	\$315,000	\$361,000	No	Not Reasonable
S907	14	Yes	6	\$270,000	\$232,000	Yes	Reasonable
S141	8	No	N/A	N/A	N/A	N/A	Replace in-kind
S935	16	Yes	4	\$180,000	\$147,000	Yes	Reasonable
S182	10	No	N/A	N/A	N/A	N/A	Replace in-kind
S972	12-14- 16	Yes	13	\$507,000	\$416,000	Yes	Replace in-kind (higher)
S978	16						Reasonable
S995	14-16	Yes	2	\$74,000	\$81,000	No	Not Reasonable
S998	16	Yes	2	\$94,000	\$53,000	Yes	Reasonable
S1006	16	Yes	7	\$385,000	\$123,000	Yes	Reasonable
S1005	12	Yes	11	\$583,000	\$320,000	Yes	Replace in-kind (higher)
S1009	16			,,,,,,,,	,		Reasonable
S1016	16						Reasonable
S1020	16						Replace in-kind (higher)
S1022	16	Yes	8	\$376,000	\$349,000	Yes	Replace in-kind (higher)
S1024	16						Reasonable
S1026	14						Replace in-kind*
S1028	16	Yes	1	\$45,000	\$144,000	No	Not Reasonable
S786	14	V.	2	\$135,000	\$124,000	Yes	Reasonable
S790	14	Yes	3	Ψ133,000	Ψ124,000	105	Replace in-kind (higher)

TABLE 2 - Noise Abatement Information Alternative 2 (3 of 3)

Noise Barrier No.	Height (feet)	Acoustically Feasible?	Number of Benefited Residences	Total Reasonable Allowance	Estimated Construction Cost	Cost Less than Allowance	Preliminary Noise Abatement Decision
S1083	14-16	Yes	5	\$255,000	\$196,000	Yes	Reasonable
S1116	18	No	N/A	N/A	N/A	N/A	Replace in-kind
S1142	18	No	N/A	N/A	N/A	N/A	Replace in-kind
S1162	12	Yes	3	\$129,000	\$225,000	No	Not Reasonable
S431	10-14	No	N/A	N/A	N/A	N/A	Replace in-kind
S434	14	No	N/A	N/A	N/A	N/A	Replace in-kind
S445	14	No	N/A	N/A	N/A	N/A	Replace in-kind
S1226	16	Yes	3	\$141,000	\$163,000	No	Replace in-kind*
S464	16	No	N/A	N/A	N/A	N/A	Replace in-kind
S1037A	12	No	N/A	N/A	N/A	N/A	Replace in-kind
S1037B	12	No	N/A	N/A	N/A	N/A	Replace in-kind
S1044A	12	No	N/A	N/A	N/A	N/A	Replace in-kind
S1044B	12	No	N/A	N/A	N/A	N/A	Replace in-kind

^{*}Replacement or gap closure soundwall for existing berm or natural abatement.































